Permit #: 20005

Date Issued: 08-25-75

County: ADAIR

Date Cancelled:

CONFIDENTIAL UNTIL:

Date Plugged: 08-20-75

OGC FORMS	Date Received
1	
2	
3	08-25-75
3i	
4	08-25-75
4i	
5	
6	
7	08-25-75
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data:

samples

COMMENTS:

Stripped 02-05-81 S.T.

MGS# 27954

strat test K-34

Form OGC - 3

MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR The Anschutz Corp DATE 8-20-75

1110 Denver Club Bldg Denver, Colo. 80202

Address City State

DESCRIPTION OF WELL AND LEASE

Name of ~~lease~~ permit	Well number	Elevation (ground)
Strat Test K-34		950

WELL LOCATION (give footage from section lines)

_____ ft. from (N) (S) sec. line _____ ft. from (E) (W) sec. line

WELL LOCATION SE NW Section 2 Township 63N Range 17W County Adair

Nearest distance from proposed location to property or lease line: _____ feet

Distance from proposed location to nearest drilling, completed or applied — for well on the same lease: _____ feet

Proposed depth:	Rotary or Cable tools	Approx. date work will start
300	Rotary	8-20-75

Number of acres in lease:

Number of wells on lease, including this well, completed in or drilling to this reservoir: _____

Number of abandoned wells on lease: _____

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____

No. of Wells: producing _____ inactive _____ abandoned _____

Status of Bond

Single Well ☐ Amt. _____ Blanket Bond ☒ Amt. 30,000

☒ ON FILE ☐ ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed ~~casing program~~: plugging program

amt.	size	wt./ft.	cem.
plug at base of drift			
plug at S-C			

Approved casing — To be filled in by State Geologist

amt.	size	wt./ft.	cem.

I, the undersigned, state that I am the geologist of the Anschutz Corp (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature Verne P. Berry

Permit Number: 20005

Approval Date: 25 Aug 75

Approved By: WBHowe by wells -

☒ SAMPLES REQUIRED

☐ SAMPLES NOT REQUIRED

Note: This Permit not transferable to any other person or to any other location.

WATER SAMPLES REQUIRED @:

Remit two copies to: Missouri Oil and Gas Council P.O. Box 250 Rolla, Mo. 65401

One will be returned.

RECEIVED AUG 25 1975 MO. OIL & GAS COUNCIL

MISSOURI OIL AND GAS COUNCIL

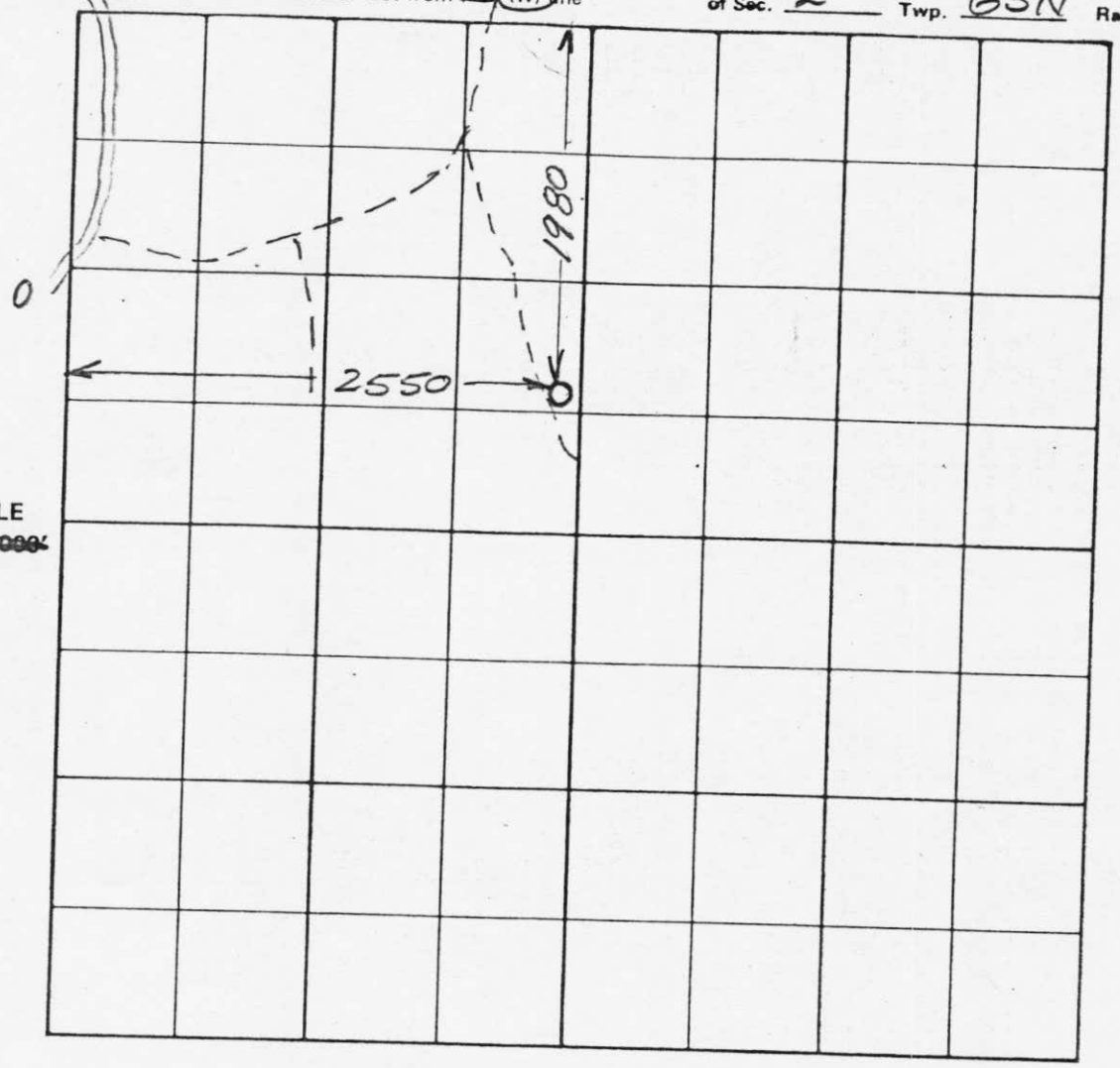
WELL LOCATION PLAT

Form OGC - 4

Owner: The Anschutz Corp

Lease Name: K-34 County, Adair

1980' feet from (N) ~~(S)~~ line and 2550' feet from ~~(E)~~ (W) line of Sec. 2 Twp. 63N Range 17W



SCALE

~~1" = 1000'~~

REMARKS:

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

(SEAL)

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.

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AUG 25 1975
MO. OIL & GAS COUNCIL

Registered Land Surveyor

Form OGC-7

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Operator: The Anschutz Corp	Address: 1110 Denver Club Bldg Denver, Colo. 80202
Name of Lease: permit K-34	Well No.
Location of Well: 1980' FNL & 255' FWL	Sec-Twp-Rge or Block & Survey: Sec. 2, T63N, R17W — County: Adair
Application to drill this well was filed in name of: The Anschutz Corp.	Has this well ever produced oil or gas: — Character of well at completion (initial production): Oil (bbls/day): — Gas (MCF/day): — Dry?
Date Abandoned: 8-20-75	Total depth: — Amount well producing prior to abandonment: Oil (bbls/day): — Gas (MCF/day): — Water (bbls./day)

Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement.
Drift-Penn Contact 100'			
5 Sx @ 110			
2 Sx @ 20			

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes

Was well filled with mud-laden fluid? Yes

Indicate deepest formation containing fresh water.

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:

Method of disposal of mud pit contents: Left in hole and remainder dumped on surface

Use reverse side for additional detail

File this form in duplicate with

CERTIFICATE: I, the undersigned, state that I am the geologist of the Anschutz Corp (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Verne P. Berry

Signature

Remit two copies; one will be returned

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MO. OIL & GAS COUNCIL

RECEIVED
APR 14 1977
MO. OIL & GAS COUNCIL

THE ANSCHUTZ CORPORATION

STRATIGRAPHIC TEST #K-34

1980' FNL and 2550' FWL
Section 2, Township 63 North, Range 17 West
Adair County, Missouri
Elevation 950' Total Depth 300'

Drift; silt, sand, clay and gravel; brown oxidized	0 - 100'
Shale; gray to light gray, soft to medium hard with hard limestone streaks; trace of coal at 108'?	100 - 120'
Shale; light gray, soft, silty	120 - 145'
Shale; dark gray, soft, with scattered carbonaceous streaks	145 - 160'
Silt to shale; gray, soft	160 - 210'
Shale; dark gray, soft, scattered carbon with coal streaks at 211' and 216'	220 - 230'
Shale; gray, soft, silty	230 - 280'
Shale; black, soft, carbonaceous, with coal streak at 285'	280 - 290'
Shale; gray, soft, silty	290 - 300'

Electric Log

2.0' of Coal(?) at 107.6' - Lexington
2.3' of Coal at 211.2' - Bevier
1.0' of Coal at 215.8' - Wheeler
2.0' of Coal at 284.4' - Croweburg